October 07, 2004

Individual Income Tax Form 40V Voucher Scanline Booklet Specifications

Font Type: OCR A

Paper Weight: 24#

Approximate Location:

Distance from right bottom corner of voucher edge	2.25 inches
Distance from bottom of voucher	.38 inches
Distance between Signature Line and Scanline	.25 inches

Example of scanline:

Form 40 scanline:
408600000000000000000000000000000000000000004032000000007

Form 40A scanline:
408600000000000000000000000000000000000000004065000000003

Form 40NR scanline:
408600000000000000000000000000000000000000004078000000005

Form 4868A scanline:
408600000000000000000000000000000000000000004854000000009

Form E40 scanline:
408600000000000000000000000000000000000000004086000000006

Form 40X scanline:
408600000000000000000000000000000000000000004088000000002

Form 41 scanline:
408600000000000000000000000000000000000000004132000000003

Form 65 scanline:
408600000000000000000000000000000000000000006532000000000

Generic scanline:
408600000000000000000000000000000000000000000000000000007

APPENDIX A: Type of Tax Form

Form 40 Value = “4032"
Form 40A Value = “4065"
Form 40NR Value = “4078"
Form 4868A Value = “4854"
Form E40 Value = “4086"
Form 40X Value = “4088"
Form 41 Value = “4132"
Form 65 Value = “6532"

APPENDIX B - Name Conversion Table

Table used to convert the first four characters of the last name to numeric format..

48 = 0	65 = A	75 = K	85 = U
49 = 1	66 = B	76 = L	86 = V
50 = 2	67 = C	77 = M	87 = W
51 = 3	68 = D	78 = N	88 = X
52 = 4	69 = E	79 = O	89 = Y
53 = 5	70 = F	80 = P	90 = Z
54 = 6	71 = G	81 = Q	
55 = 7	72 = H	82 = R	
56 = 8	73 = I	83 = S	
57 = 9	74 = J	84 = T	

32 = space	38 = &
33 = !	39 = ‘
34 = “	42 = *
35 = #	43 = +
36 = $	45 = -
37 = %	63 = ?

Note: An undetermined value is equal to 32

Examples:

SMITH	83777384
DOE	68796932
O’REILLY	79398269

APPENDIX C - Modulus 11 (Mod 11) Luhns

The calculation of the final digit is performed using the Modulus 11 (Mod 11) Luhns methold. The calculation is performed using scanline characters 1-57 of the scanline. Multiply the digits in the field by the
weights (.....,4,3,2,9,8,7,6,5,4,3,2), applying the weights right-to-left from the weight table to the number being tested. No weight is applied to the check digit, and it is not used in the calculation. Add the resulting products by summing the products.

Scanline Example:
4086042255333301019912319900000025000000000004065837773 84

4x2 = 8
0x9 = 0
8x8 = 64
6x7 = 42
0x6 = 0
4x5 = 20
2x4 = 8
2x3 = 6
5x2 = 10
5x9 = 45
3x8 = 24
3x7 = 21
3x6 = 18
3x5 = 15
0x4 = 0
1x3 = 3
0x2 = 0
1x9 = 9
9x8 = 72
9x7 = 63
1x6 = 6
2x5 = 10
3x4 = 12
1x3 = 3
9x2 = 18
9x9 = 81
0x8 = 0
0x7 = 0
0x6 = 0
0x5 = 0
0x4 = 0
0x3 = 0
2x2 = 4

5x9 = 45
0x8 = 0
0x7 = 0
0x6 = 0
0x5 = 0
0x4 = 0
0x3 = 0
0x2 = 0
0x9 = 0
0x8 = 0
0x7 = 0
0x6 = 0
4x5 = 20
0x4 = 0
6x3 = 18
5x2 = 10
8x9 = 72
3x8 = 24
7x7 = 49
7x6 = 42
7x5 = 35
3x4 = 12
8x3 = 24
4x2 = 8

Scanline becomes:
4086042255333301019912319900000025000000000004065837773843

Divide SUM by 11:
921/11 = 83 remainder 8
NOTE: If the remainder is equal to zero or one the Check Digit will be zero.

Subtract remainder from 11:
11-8=3

THE CHECK DIGIT IS 3